

MINING CONGRESS JOURNAL

Index to Volume 52

January to December, 1966

Month	Page	Month	Page	Month	Page
A					
Acid Mine Drainage Pollution Control—Approach to Solution, by Stephen Kricovic	64	Blast Furnace Burdens—Present and Future, by John E. Stukel	57	Coal Industry's Fear of Nuclear Energy Overshadows Prospects for Growth, by Stephen B. Randolph	72
Agricultural Minerals, by E. C. Skinner	Feb.	Development and Design of the Mission Unit By-Products Plant, by J. D. Vincent and G. W. Bossard	25	Copper, by J. H. Ffollott	133
Air Pollution and the Coal Industry, by James R. Garvey—Discussion by James R. Jones	55	Improved Process for Producing Oxide Pellets, by L. W. Smith, Donald Beggs and F. G. Rinker	48	European Coal Industry, by Omer Anderson	108
Aluminum Industry, by J. H. Lindemuth	Feb.	Mineral Processing, by C. Thom	Feb.	Ferroalloy Ores, Union Carbide Mining & Metals Division Staff	126
Application of a Standard Wheel Excavator in Coal, by Edward E. Cheek	Nov.	Open Pit Mining, by R. W. Shilling, W. E. Adkins and B. W. Adams	45	Industrial Minerals, by B. C. Herod	Feb.
Application of Steam Drying of Coal, by D. A. Dahlstrom and C. S. Simons, Part I	44	Plima Mining Company's Expansion Program, by M. D. Martin, G. A. Komadina and J. F. Ollie	26	Lead and Zinc Industries, by M. Bonyng	Feb.
Appraisal of Mineral Potential in Wilderness Areas, by Harold L. James	Oct.	Progress Reports on Semitaconite Beneficiation, by J. E. Lawyer, R. R. Beebe and R. M. Hays	44	Lignite in the Economy, by Donald Schwartz	April
AMERICAN MINING CONGRESS		Recovering Copper as a By-Product from Iron Concentrates, by Earl C. Herkenhoff	30	Silver—After the Coin Changeover—What?, by Wallace F. Bennett	Feb.
AMC Staff Changes	March	Reestablishing Concentrator Operations Following a Fire, by H. P. Whaley	Dec.	Solid Fuels Industry, The, by W. Bellano	Feb.
Annual Meeting, Report on	Feb.	Trends in Froth Flotation—Reagent Use and Product Recovery, by Charles W. Merrill and James W. Pennington	Nov.	Space Age Metals, by J. B. Rosenbaum and J. H. Bilbrey, Jr.	Feb.
Coal Convention (1966)		Bituminous Coal Economics, by M. W. A. Edwards	115	Status of the Cement Industry, by J. E. D. Grunow	Feb.
Advance Planning Does It (Ad)	Jan.	Blast Furnace Burdens—Present and Future, by John E. Stukel	July	Strategic Minerals, by C. W. Merrill	Feb.
Coal Convention Report	June	BLASTING		Sulphur, by S. L. Levitsky	Feb.
May 8-11, Three Days to Remember!	Feb.	Blasting with Slurry Explosives, by R. G. Guenter	Sept.	Uranium, by J. A. Swartout and G. Y. Jordy	Feb.
Preliminary Program	March	Cost of Explosives—Do You Evaluate It Properly?, by A. S. MacKenzie	32	Vindication of Gold as Ultimate Money, by W. J. Busschau	Feb.
Preview of 1966 Coal Convention	April	Longhole Blasting in Horizontal Cut-and-Fill Stopes, by P. J. G. du Toit	Jan.	Wall Street Looks at Coal, by Frank McCarthy	July
Coal Show (1967)		Blasting with Slurry Explosives, by R. G. Guenter	Sept.	Continuous Mining of Pitching Coal Seams, by John Reeves	Jan.
Boxley to Head Program Committee for Coal Show	Sept.	Bulk Transportation of Jamaican Bauxite, by Robert C. Temps	Oct.	Copper, by J. H. Ffollott	Feb.
Declaration of Policy, A	Oct.	C		Cost of Explosives—Do You Evaluate It Properly?, by A. S. MacKenzie	May
Fifth International Coal Preparation Congress		Changing Iron Ore Industry, The, by H. S. Harrison	Feb.	Cut-and-Fill Stoping, by Joel K. Waterland and Thomas Connolly	Aug.
Announcement	March	Choices and Challenges, by Frank Milliken	Oct.	D	
Fifth ICPC (Ad)	April	Coal Industry in Australia, by A. J. Hargraves, Part I	May	Development and Design of the Mission Unit By-Products Plant, by J. D. Vincent and G. W. Bossard	Sept.
Fifth ICPC (Editorial)	Feb.	Part II	June	Discovery Equals Search Plus Research, by Walter E. Heinrichs, Jr.	Sept.
Fifth ICPC, Pittsburgh, October 3-7	Sept.	Coal Industry's Fear of Nuclear Energy Overshadows Prospects for Growth, by Stephen B. Randolph	March	Dispatching of Trucks by Radio in the Lavender Pit, by E. H. Torgersen	Nov.
Report on Fifth ICPC	Nov.	Coal Preparation, by D. C. McLean	Feb.	DRILLING	
National Safety Competition		Coal Research by J. W. Igoe, Part I	Feb.	Longhole Blasting in Horizontal Cut-and-Fill Stopes, by P. J. G. du Toit	Jan.
Announcement of 1965 Sentinels of Safety Winners	May	Part II	March	Duval's Mineral Park Project, by A. E. Smith	June
Final Reminder, A	Jan.	Coarse Coal Centrifuging, by F. X. Ferney	Sept.	E	
Presentations Coming Up	June	Comments on Centrifuging of Coarse Coal, by Delbert D. Dornenburg, Jack Hurley, D. L. Springston	Nov.	Economic Trends in the Economy, W. H. Chartner	Nov.
Robena No. 4 Mine Captures Sentinels	Sept.	COMMODITY STUDIES		German Steel Wants More U. S. Coal, by Omer Anderson	Aug.
Safety Is as Safety Does	Feb.	Agricultural Minerals, by E. C. Skinner	Feb.	Implications of the Current U. S. Military and Economic Posture on the Mining Industry, by James F. Collins	Dec.
Safety, Like Charity, Begins at Home	March	Aluminum Industry, by J. H. Lindemuth	Feb.	Resource Depletion or Deterioration, by Walfrid Been	Oct.
Sentinels of Safety Award Ceremonies	Aug.	Bituminous Coal Economics, by M. W. A. Edwards	Feb.	EDITORIALS	
Sentinels Presented at Truax-Traer	Nov.	Changing Iron Ore Industry, The, by H. S. Harrison	Feb.	Fifth International Coal Preparation Congress	Feb.
Touch of Nostalgia, A	April	B		Focus on Safety Not New to Mining	May
Nencoal Mine Safety Committee Secretary Named	April	BENEFICIATION-EXTRACTION		How Wealthy Is Mineral Wealth?	Aug.
Research Advisory Committee Meets in Salt Lake City	June	(See also Preparation of Coal)		Investing in the Future	March
Western Division				Learn from Each Other	Sept.
1966 Mining Convention	July				
1966 Mining Convention	Aug.				
Mining Convention Report	Oct.				
Program Committee Chairmen Named	March				
Program Committee Meets	May				
Salt Lake City Will Host AMC This Fall	Jan.				
	20				

Month	Page	Month	Page	Month	Page
Recommended Reading	Oct. 118	Stockpiling at the Captain Mine, by Dale E. Walker	Jan. 36	Open Pit Mine Planning, by Donald K. Gill	July 48
Right Price for Each Item, A	Jan. 76	Tractors and Scrapers vs. Shovels and Trucks, by F. M. Smith	Jan. 42	Open Pit Mining, by R. W. Shilling, W. E. Adkins and B. W. Adams	April 45
Sharing Ideas Spells Progress in Coal	April 92	Truck Operations at Eagle Mountain, by H. M. Conger	June 27	Pima Mining Company's Expansion Program, by M. D. Martin, G. A. Komadina and J. F. Olk	March 26
Where Will It End?	July 80	I		Spoil Bank Stability in Eastern Kentucky, by Weldon K. Weigle	April 67
Will They Learn?	June 108	Implications of the Current U.S. Military and Economic Posture on the Mining Industry, by James F. Collins	Dec. 50	Surface Mining of Coal, by Dale E. Walker	Feb. 64
Electric Wheel Shuttle Car, by W. R. Gerdes	May 44	Improved Process for Producing Oxide Pellets, by L. W. Smith, Donald Beggs and F. G. Rinker	May 46	Tractors and Scrapers vs. Shovels and Trucks, by F. M. Smith	Jan. 42
EDUCATION					
Choices and Challenges, by Frank Milliken	Oct. 49	Industrial Hygiene in Underground Mining, by Frank J. Laird, Jr.	March 58	Truck Operations at Eagle Mountain, by H. M. Conger	June 27
Profiles in Mineral Industry Education Alaska, University of, by D. J. Cook	April 56	Industrial Minerals, by B. C. Herod	Feb. 163	What's Ahead in Mining Equipment—Surface Mining, by Eugene P. Berg	Sept. 65
Utah, University of, by J. E. Willson	May 76	L		Our Changing Minerals Outlook, by Stewart L. Udall	Feb. 40
Washington, University of, by Drury Pifer	March 54	Labor Relations, by E. W. Elliott	Oct. 81	P	
Selection and Training of Management Personnel, by Robert Stefanko	June 80	Lead and Zinc Industries, by M. Bonyng	Feb. 136	Pima Mining Company's Expansion Program, by M. D. Martin, G. A. Komadina and J. F. Olk	March 26
ENGINEERING					
Bulk Transportation of Jamaican Bauxite, by Robert C. Temps	Oct. 42	Lessons from Recent Front-End Loader Accidents, by R. O. Pynnonen	Nov. 60	Pitfalls in the Use of Industrial Engineering in Mining, by Clinton P. Mott	April 60
Cost of Explosives—Do You Evaluate It Properly?, by A. S. MacKenzie	May 32	Lignite in the Economy, by Donald Schwartz	April 35	POLLUTION CONTROL	
Development and Design of the Mission Unit By-Products Plant, by J. D. Vincent and G. W. Bossard	Sept. 25	Longhole Blasting in Horizontal Cut-and-Fill Stopes, by P. J. G. du Toit	Jan. 50	Acid Mine Drainage Pollution Control—Approach to Solution, by Stephen Kricovic	Dec. 64
Mine Backfilling with Pneumatic Stowing, by F. A. Jerabek and H. L. Hartman, Part I, Conveying of Stowing Material	May 51	Longwall Mining, by George L. May	Nov. 50	Air Pollution and the Coal Industry, by James R. Garvey—Discussion by James R. Jones	Aug. 55
Part II, Applications of Stowing June Modern Mine Mapping, by John Emerick	June 69	M		Some Aspects of Acid Mine Water Analyses, by M. P. Corriveau	July 52
Open Pit Mine Planning, by Donald K. Gill	July 34	MAINTENANCE		Portland Cement Association Observes Fiftieth Anniversary	June 50
Spoil Bank Stability in Eastern Kentucky, by Weldon K. Weigle	April 48	Bucket Rebuild Saves Thousands, by Ray Day	Nov. 80	Powhatan No. 5 Mine, by Charles R. Heidelbach	Sept. 31
Engineering for Safety in Mining, by J. T. Ryan, Jr.	June 67	Reliability Engineering and Its Application in Mining, by Jay C. Dotson	Aug. 68	PREPARATION OF COAL	
European Coal Industry, by Omer Anderson	Feb. 108	Selection, Inflation and Proper Use of Dozer Tires, by D. R. Drews	Oct. 87	Application of Steam Drying of Coal, by D. A. Dahlstrom and C. S. Simons, Part I	Dec. 44
Evaluation of Materials for Ventilation Structures, by E. M. Kawenski and D. W. Mitchell	March 49	Maintenance of Return Airways, by Adam A. Bronakoski	Jan. 47	Coal Preparation, by D. C. McLean	Feb. 90
Evans Elkhorn Preparation Plant, The, by C. T. Wallace	June 31	Management Consulting for the Mining Industry, by George Frank	July 37	Coarse Coal Centrifuging, by F. X. Ferney	Sept. 57
Experience with Continuous Miners at Mathies, by Bernard L. Bobo	June 30	Labor Relations, by E. W. Elliott	Oct. 81	Comments on Centrifuging of Coarse Coal, by Delbert D. Dornenburg, Jack Hurley, D. L. Springer	Nov. 65
Experience with Rope Driven Conveyors, by P. Hunter Gordon	Jan. 56	Management Consulting for the Mining Industry, by George Frank	July 37	Evans Elkhorn Preparation Plant, The, by C. T. Wallace	June 31
EXPLORATION AND GEOLOGY					
Appraisal of Mineral Potential in Wilderness Areas, by Harold L. James	Oct. 22	Productivity Standards for Mine Operating Control, by V. F. Malone and E. F. Dressner	Dec. 24	Should You Build One Very Large Plant or Two Medium Size Plants?, by Edward T. McNally, Robert C. Woodward and John L. Gamble	Aug. 84
Discovery Plus Search Equals Research, by Walter E. Heinrichs, Jr.	Sept. 53	Quarter to Zero, A—Surface Mining and Water Supplies, by Allen F. Agnew	June 69	Stockpiling at the Captain Mine, by Dale E. Walker	Jan. 36
Geochemical Prospecting in the Dawson Range, by J. A. Cope	May 62	Reestablishing Concentrator Operations Following a Fire, by H. P. Whaley	Dec. 38	Productivity Standards for Mine Operating Control, by V. F. Malone and E. F. Dressner	Dec. 24
Modern Mine Mapping, by John Emerick	Dec. 34	Reliability Engineering and Its Application in Mining, by Jay C. Dotson	Aug. 68	Profiles in Mineral Industry Education (See Education)	
Research, Exploration, and Development—1965, by H. Kirkemo	Feb. 72	Research for the Mining Industry, by Wayne C. Hazen	Jan. 61	Progress Reports on Semitaconite Beneficiation, by J. E. Lawver, R. R. Beebe and R. M. Hays	March 44
Underseas Mineral Exploration, by C. G. Welling	Jan. 32	Resource Depletion or Deterioration, by Walfrid Been	Oct. 94		
Utilization of Geology at a Large Copper Mine, by Allan H. James	Dec. 54	Marine Technology Society, Conference on Ocean Exploitation	May 70		
F					
Fairlane Pellet Plant Dedicated	July 46	Mine Backfilling with Pneumatic Stowing, by F. A. Jerabek and H. L. Hartman, Part I Conveying of Stowing Material	May 51		
Ferroalloy Ores, Union Carbide Metals & Mining Division Staff	Feb. 126	Part II Applications of Stowing	June 69		
G					
Geochemical Prospecting in the Dawson Range, by J. A. Cope	May 62	Mineral Processing, by C. Thom	Feb. 81		
General Trends in the Economy, W. H. Chartener	Nov. 70	Minnesota Rebirth—The Taconite Amendment, by J. S. Abdnor	June 88		
German Steel Wants More U.S. Coal, by Omer Anderson	Aug. 22	Modern Mine Mapping, by John Emerick	Dec. 34		
H					
Haulage Behind a Longwall Miner, by Naaman G. Clonch	Oct. 100	Multiple Seam Stripping, by George W. Boulter	July 63		
HAULAGE					
Bulk Transportation of Jamaican Bauxite, by Robert C. Temps	Oct. 42	N			
Dispatching of Trucks by Radio in the Lavender Pit, by E. H. Torgersen	Nov. 58	National Coal Association's 49th Anniversary Convention	Aug. 66		
Electric Wheel Shuttle Car, by W. R. Gerdes	May 44				
Experience with Rope Driven Conveyors, by P. Hunter Gordon	Jan. 56				
Haulage Behind a Longwall Miner, by Naaman G. Clonch	Oct. 100				
Lessons from Recent Front-End Loader Accidents, by R. O. Pynnonen	Nov. 60				
Rapid Load-Out of Unit Trains, by R. E. Durocher	Aug. 51				
O					
Open Pit Mine Planning, by Donald K. Gill	July 48				
Open Pit Mining, by R. W. Shilling, W. E. Adkins and B. W. Adams	Feb. 45				
OPEN PIT-STRIPPING					
Application of a Standard Wheel Excavator in Coal, by Edward E. Cheek	Nov. 33				
Cost of Explosives—Do You Evaluate It Properly?, by A. S. MacKenzie	May 32				
Dispatching of Trucks by Radio in the Lavender Pit, by E. H. Torgersen	Nov. 58				
Duval's Mineral Park Project, by A. E. Smith	June 48				
Multiple Seam Stripping, by George W. Boulter	July 63				
R					
Rapid Load-Out of Unit Trains, by R. E. Durocher	Aug. 51				
Recovering Copper as a By-Product from Iron Concentrates, by Earl C. Herkenhoff	April 30				
Red's Little School, by R. M. Downes	May 72				
Reestablishing Concentrator Operations Following a Fire, by H. P. Whaley	Dec. 38				
Reliability Engineering and Its Application in Mining, by Jay C. Dotson	Aug. 68				
RESEARCH					
Coal Research, by J. W. Igoe, Part I	Feb. 95				
Part II	March 63				
Researchers Meet in Salt Lake City	June 86				
Research, Exploration, and Development—1965, by H. Kirkemo	Feb. 72				
Research for the Mining Industry, by Wayne C. Hazen	Jan. 61				
Resource Depletion or Deterioration, by Walfrid Been	Oct. 94				
Rock Mechanics—An Operations Tool at White Pine, by L. A. Garfield and Jack Parker	June 37				
Rocky Mountain Coal Mining Institute Meets at Estes Park	Aug. 82				
Roof Control in Longwall Mining, by E. h. Erwin Anderheggen	March 36				

ROOF AND GROUND SUPPORT

Maintenance of Return Airways, by Adam A. Bronakoski Jan. 47
 Mine Backfilling with Pneumatic Stowing by F. A. Jerabek and H. L. Hartman
 Part I, Conveying of Stowing Material May 51
 Part II, Applications of Stowing June 69
 Report on Roof Bolting in Bituminous Coal Mines in 1965 April 55
 Rock Mechanics—An Operations Tool at White Pine, by L. A. Garfield and Jack Parker June 37
 Roof Control in Longwall Mining, by E. h. Erwin Anderheggen March 36
 Underground Coal Mining, by J. E. Elkin and J. W. Draper Feb. 59
 Underground Mining Trends, by H. R. Hammond Feb. 52
 Use of Cement in Hydraulic Fill, by Gordon M. Miner Nov. 46
 What's Ahead in Mining Equipment—Underground Mining, by James A. Drain Sept. 60
 Underground Mining Trends, by H. R. Hammond Feb. 52
 Underscan Mineral Exploration, by C. G. Welling Jan. 36
 Uranium, by J. A. Swartout and G. Y. Jordy Feb. 182
 Use of Cement in Hydraulic Fill, by Gordon M. Miner Nov. 46
 Utilization of Geology at a Large Copper Mine, by Allan H. James Dec. 54

S**SAFETY & HEALTH**

Engineering for Safety in Mining, by J. T. Ryan, Jr. Feb. 67
 Industrial Hygiene in Underground Mining, by Frank J. Laird, Jr. March 58
 Lessons from Recent Front-End Loader Accidents, by R. O. Pynnonen Nov. 60
 Red's Little School by R. M. Downes May 72
 Safety Attitudes, by Roy G. Benson April 76
 Safety Attitudes by Roy G. Benson, April Selection and Training of Management Personnel, by Robert Stefanko June 80
 Selection, Inflation and Proper Use of Dozer Tires, by D. R. Drews Oct. 87
 Should You Build One Very Large Plant or Two Medium Size Plants?, by Edward T. McNally, Robert C. Woodhead and John L. Gamble Aug. 84
 Silver—After the Coin Changeover—What?, by Wallace F. Bennett Feb. 141
 Solid Fuels Industry, The, by W. Bellano Feb. 104
 Some Aspects of Acid Mine Water Analyses, by M. P. Corriveau July 52
 Space Age Metals, by J. B. Rosenbaum and J. H. Bilbrey, Jr. Feb. 153
 Spoil Bank Stability in Eastern Kentucky, by Weidon K. Weigle April 67
 Status of the Cement Industry, by J. E. D. Grunow Feb. 160
 Stockpiling at the Captain Mine, by Dale E. Walker Jan. 36
 Strategic Minerals, by C. W. Merrill Feb. 178
 Sulphur, by S. L. Levitsky Feb. 170
 Surface Mining of Coal, by Dale E. Walker Feb. 64

T

Tractors and Scrapers vs. Shovels and Trucks, by F. M. Smith Jan. 42
 Trends in Froth Flotation—Reagent Use and Product Recovery, by Charles W. Merrill and James W. Pennington Nov. 24
 Truck Operations at Eagle Mountain, by H. M. Conger June 27

U

Underground Coal Mining, by J. E. Elkin and J. W. Draper Feb. 59

UNDERGROUND MINING

Continuous Mining of Pitching Coal Seams, by John Reeves Jan. 27
 Cut-and-Fill Stoping, by Joel K. Waterland and Thomas Connolly Aug. 29
 Electric Wheel Shuttle Car, by W. R. Gerdes May 44
 Evaluation of Materials for Ventilation Structures, by E. M. Kawenski and D. W. Mitchell March 49
 Experience with Continuous Miners at Mathies, by Bernard L. Bobo July 30
 Experience with Rope Driven Conveyors, by P. Hunter Gordon Jan. 56
 Gypsum Mining in Southeastern Indiana, by James E. Niemeyer April 48
 Haulage Behind a Longwall Miner, by Naaman G. Clonch Oct. 100
 Industrial Hygiene in Underground Mining, by Frank J. Laird, Jr. March 58
 Longwall Mining, by George L. May Nov. 50
 Longhole Blasting in Horizontal Cut-and-Fill Stoops, by P. J. G. du Toit Jan. 50
 Mine Backfilling with Pneumatic Stowing Conveying of Stowing Material, by F. A. Jerabek and H. L. Hartman
 Part I May 51
 Part II June 69
 Powhatan No. 5 Mine, by Charles R. Heidelbach Sept. 31

Rock Mechanics—An Operations Tool at White Pine

by L. A. Garfield and Jack Parker June 37
 Roof Control in Longwall Mining, by E. h. Erwin Anderheggen March 36
 Underground Coal Mining, by J. E. Elkin and J. W. Draper Feb. 59
 Underground Mining Trends, by H. R. Hammond Feb. 52
 Use of Cement in Hydraulic Fill, by Gordon M. Miner Nov. 46
 What's Ahead in Mining Equipment—Underground Mining, by James A. Drain Sept. 60
 Underground Mining Trends, by H. R. Hammond Feb. 52
 Underscan Mineral Exploration, by C. G. Welling Jan. 36
 Uranium, by J. A. Swartout and G. Y. Jordy Feb. 182
 Use of Cement in Hydraulic Fill, by Gordon M. Miner Nov. 46
 Utilization of Geology at a Large Copper Mine, by Allan H. James Dec. 54

VENTILATION

Evaluation of Materials for Ventilation Structures, by E. M. Kawenski and D. W. Mitchell March 49
 Maintenance of Return Airways, by Adam A. Bronakoski Jan. 47
 Vindication of Gold as Ultimate Money, by W. J. Busschau Feb. 146

W

Wall Street Looks at Coal, by Frank McCarthy July 41
 What's Ahead in Mining Equipment—Surface Mining, by Eugene P. Berg Sept. 65
 Underground Mining, by James A. Drain Sept. 60

AUTHORS**A**

Abdnor, J. S., Minnesota Rebirth—The Taconite Amendment June 88
 Adams, B. W., R. W. Shilling and W. E. Adkins, Open Pit Mining Feb. 45
 Adkins, W. E., R. W. Shilling and B. W. Adams, Open Pit Mining Feb. 45
 Agnew, Allen F., A Quarter to Zero-Surface Mining and Water Supplies Oct. 29
 Anderheggen, E. h., Erwin, Roof Control in Longwall Mining March 36
 Anderson, O., European Coal Industry Feb. 108
 German Steel Wants More U. S. Coal Aug. 22

B

Beebe, R. R., J. E. Lawver and R. M. Hays, Progress Report on Sinterconite Beneficiation March 44
 Been, Walfrid, Resource Depletion or Deterioration Oct. 94
 Beggs, Donald, L. W. Smith and F. G. Rinker, Improved Process for Producing Oxide Pellets May 46
 Bellano W., Solid Fuels Industry, The Feb. 76
 Bennett, Wallace F., Silver—After the Coin Changeover, What? Feb. 141
 Benson, Roy G., Safety Attitudes April 76
 Berg, Eugene P., What's Ahead in Mining Equipment—Surface Mining Sept. 65
 Bilbrey, J. H. and J. B. Rosenbaum, Space Age Metals Feb. 153
 Bobo, Bernard L., Experience with Continuous Miners at Mathies July 30
 Bonynge, M., Lead and Zinc Industries Feb. 136
 Bossard, G. W. and J. D. Vincent, Development and Design of the Mission Unit By-Products Plant Sept. 25
 Boulier, George W., Multiple Seam Strippling July 63
 Bronakoski, Adam A., Maintenance of Return Airways Jan. 47
 Busschau, W. J., Vindication of Gold as Ultimate Money Feb. 146

Chartner, W. H. ^{Gen. T. Eng.} Nov. 70
 Check, Edward E., Application of a Standard Wheel Excavator in Coal Nov. 33
 Clonch, Naaman G., Haulage Behind a Longwall Miner Oct. 100

Collins, James F., Implications of the Current U. S. Military and Economic Posture on the Mining Industry Dec. 59
 Conger, H. M., Truck Operations at Eagle Mountain June 27
 Connolly, Thomas and Joel K. Waterland, Cut-and-Fill Stoping Aug. 29
 Cook, D. J., Profiles in Mineral Industry Education—University of Alaska April 56
 Coope, J. A., Geochemical Prospecting in the Dawson Range May 62
 Corriveau, M. P., Acid Mine Water Analyses, Some Aspects of July 52

D

Dahlstrom, D. A. and C. S. Simons, Application of Steam Drying of Coal Dec. 44
 Dornenburg, Delbert D., Comments on Centrifuging of Coal Nov. 65
 Dotson, Jay C., Reliability Engineering and Its Application in Mining Aug. 68
 Downes, R. M., Red's Little School May 72
 Drain, James A., What's Ahead in Mining Equipment—Underground Mining Sept. 60
 Draper, J. W. and J. E. Elkin, Underground Coal Mining Feb. 59
 Dressner, E. F. and V. F. Malone, Productivity Standards for Mine Operating Control Dec. 24
 Drews, D. R., Selection, Inflation and Proper Use of Dozer Tires Oct. 87
 Durocher, R. E., Rapid Load-Out of Unit Trains Aug. 51
 du Toit, P. J. G., Longhole Blasting in Horizontal Cut-and-Fill Stoops Jan. 50

E

Edwards, M. W. A., Bituminous Coal Economics Feb. 115
 Elkin, J. E. and J. W. Draper, Underground Coal Mining Feb. 59
 Elliott, E. W., Labor Relations Oct. 81
 Emerick, John, Modern Mine Mapping Dec. 34

F

Ferney, F. X., Coarse Coal Centrifuging Sept. 57
 Ffolliott, J. H., Copper Feb. 133
 Frank, George, Management Consulting for the Mining Industry July 37

G

Gamble, John L., Edward T. McNally and Robert C. Woodhead, Should You Build One Very Large Plant or Two Medium Size Plants? Aug. 84
 Garfield, L. A. and Jack Parker, Rock Mechanics—An Operations Tool at White Pine June 37
 Garvey, James R., Air Pollution and the Coal Industry Aug. 55
 Gerdes, Wayne R., Electric Wheel Shuttle Car May 44
 Gill, Donald K., Open Pit Mine Planning July 48
 Gordon, P. Hunter, Experience with Rope Driven Conveyors Jan. 56
 Grunow, J. E. D., Status of the Cement Industry Feb. 160
 Guenter, R. G., Blasting with Slurry Explosives Sept. 70

H

Hammond, H. R., Underground Mining Trends Feb. 52
 Hargraves, A. J., Coal Industry in Australia—Part I May 26
 Part II June 41
 Harrison, H. S., The Changing Iron Ore Industry Feb. 120
 Hartman, H. L. and F. A. Jerabek, Mine Backfilling with Pneumatic Stowing—Part I, Conveying of Stowing Material May 51
 Part II, Applications June 69
 Hays, R. M., J. E. Lawver and R. B. Beebe, Progress Report on Sinterconite Beneficiation March 44
 Hazen, Wayne C., Research for the Mining Industry Jan. 61
 Heidelbach, Charles R., Powhatan No. 5 Mine Sept. 31

Month	Page	Month	Page	Month	Page		
Heinrichs, Walter E., Jr., Discovery Plus Search Equals Research	Sept. 53	McLean, D. C., Coal Preparation ... Feb. McNally, Edward T., Robert C. Woodhead and John L. Gamble, Should You Build One Very Large Plant or Two Medium Size Plants? ... Aug. 81	90	Shilling, R. W., W. E. Adkins and B. W. Adams, Open Pit Mining ... Feb. 45			
Herkenhoff, Earl C., Recovering Copper as a By-Product from Iron Concentrates	April 30	Simons, C. S. and D. A. Dahlstrom, Application of Steam Drying of Coal, Part I		Dec. 44			
Herod, B. C., Industrial Minerals ... Feb. 163		Smith, A. E., Duval's Mineral Park Project		June 48			
Hurley, Jack, Comments on Centrifuging of Coarse Coal	Nov. 63	Smith, F. M., Tractors and Scrapers vs. Shovels and Trucks		Jan. 42			
I							
Igoe, J. W., Coal Research—Part I. ... Feb.	95	Smith, L. W., Donald Beggs and F. G. Rinker, Improved Process of Producing Oxide Pellets		May 46			
Part II	March 63	Springston, D. L., Comments on Centrifuging of Coarse Coal		Nov. 67			
J							
James, Harold L., Appraisal of Mineral Potential in Wilderness Areas	Oct. 22	Stefanko, Robert, Selection and Training of Management Personnel		June 80			
James, Allan H., Utilization of Geology at a Large Copper Mine	Dec. 54	Stukel, John E., Blast Furnace Burdens— Present and Future		July 57			
Jerabek, F. A. and H. L. Hartman, Mine Backfilling with Pneumatic Stowing— Part I, Conveying of Stowing Material	May 51	Swartout, J. A. and G. Y. Jordy, Uranium		Feb. 182			
Part II, Applications	June 69						
Jones, James R., Air Pollution and the Coal Industry	Aug. 55	T					
Jordy, G. Y. and J. A. Swartout, Uranium	Feb. 182	Temps, Robert C., Bulk Transportation of Jamaican Bauxite		Oct. 44			
K							
Kawenski, E. M. and D. W. Mitchell, Evaluation of Materials for Ventilation	March 49	Thom, C., Mineral Processing ... Feb. 81					
Kirkemo, H., Research, Exploration, and Development—1965	Feb. 72	Torgersen, E. H., Dispatching of Trucks by Radio in the Lavender Pit		Nov. 53			
Komadina, G. A., M. D. Martin and J. F. Olk, Pima Mining Company's Expansion	March 26	U					
Kriekovic, Stephen, Acid Mine Drainage Pollution Control—Approach to Solution	Dec. 64	Udall, Stewart L., Our Changing Minerals Outlook		Feb. 40			
L							
Laird, Frank J. Jr., Industrial Hygiene in Underground Mining	March 58	V					
Lawver, J. E., R. M. Beebe and R. M. Hays, Progress Reports on Semitaconite		Vincent, J. D. and G. W. Bossard, Development and Design of the Mission		Sept. 25			
Beneficiation	March 44	Unit By Products Plant					
Levitsky, S. L., Sulphur	Feb. 170	W					
Lindemuth, J. H., Aluminum Industry	Feb. 149	Walker, Dale E., Stockpiling at the Captain					
M							
MacKenzie, A. S., Cost of Explosives— Do You Evaluate It Properly? ... May	32	Mine		Jan. 36			
Malone, V. F. and E. F. Dressner, Productivity		Surface Mining of Coal		Feb. 64			
Standards for Mine Operating		Wallace, C. T., The Evans Elkhorn Preparation		June 31			
Control	Dec. 24	Plant					
May, George L., Longwall Mining ... Nov.	50	Waterland, Joel K. and Thomas Connolly, Cut-and-Fill Stoping		Aug. 29			
McCarthy, Frank, Wall Street Looks at		Weigle, Weldon K., Spoil Bank Stability		April 67			
Coal	July 41	in Eastern Kentucky					
S							
Randolph, Stephen B., Coal Industry's		Welling, C. G., Underseas Mineral Exploration		Jan. 36			
Fear of Nuclear Energy Overshadows		Whaley, H. P., Reestablishing Concentrator		Dec. 38			
Prospects for Growth	March 72	Operations Following a Fire					
Reeves, John, Continuous Mining of		Woodhead, Robert C., Edward T. McNally					
Pitching Coal Seams	Jan. 27	and John L. Gamble, Should You Build					
Rinker, F. G., L. W. Smith and Donald		One Very Large Plant or Two Medium					
Beggs, Improved Process for Producing		Size Plants?		Aug. 84			
Oxide Pellets	May 46						
Rosenbaum, J. B. and J. H. Bilbrey, Jr.,							
Space Age Metals	Feb. 153						
Ryan, J. T., Jr., Engineering for Safety							
in Mining	Feb. 67						
Schwartz, Donald, Lignite in the Economy							
	April 35						

ge
45
41
75
48
42
46
87
80
57
82
44
81
58
40
25
36
34
31
29
37
36
8
4